

Test Date : 18.04.2022

| GENERAL INFORMATION | | TECHNICAL DETAILS | | |
|--------------------------------------|------------------|--|----------|--|
| Quality Name | BREDA | Composition | %100 PES | |
| Design Name | | Weight (gr/lm ±%5) | EN 12127 | 305 |
| Design Code | 222.60711.002.01 | Fabric Width (cm ±2) | EN 1773 | 146 |
| Pattern Report Size (cm) | | Weft Counts | | |
| Pattern Report Width (cm) | | Warp Counts | | |
| <input type="checkbox"/> Pile fabric | | <input type="checkbox"/> Flat Woven Fabric | | <input checked="" type="checkbox"/> Knitted Fabric |

Laboratory Conditions Sample is kept 18 hour under below conditions, humidity (65 ±%5), temperature (20 ±2)°C

Test Standart Fabric test are done according to TS 11818 EN 14465 standarts

| ABRASION TESTS | | | PHYSICAL TESTS | | | |
|-------------------------------------|-------------|---------|------------------------------------|---------------|------|------|
| Test name | Test Method | Results | Test name | Test Method | Warp | Weft |
| Martindale 5.000 cyc. colour change | ISO 12947-2 | 3/4 | Seam Slippage | ISO 13936-2 | 3,9 | 3,3 |
| Martindale 10.000 cyc. image change | ISO 12947-2 | 4 | Tear Strength | ISO 13937 - 3 | 70 | 35 |
| Martindale Pile Loss | ISO 12947-2 | | Tensile Strength | ISO 13934 - 1 | 510 | 340 |
| Martindale Yarn Break | ISO 12947-2 | 25000 | Bursting Strength | ISO 13938-2 | | |
| Pilling | ISO 12945-2 | 4/5 | Determiantion of Coating Adhesio N | ISO 2411 | | |
| Wyzenbeek | ASTM D4157 | | Air Permeability | ISO 9237 | | |
| Brush Pilling | D3511-99A | | | | | |

| COLOUR FASTNESS TO | | | FLAMMABILITY TESTS | | | | | | |
|--------------------|-----------------------|-------------|--------------------|-----------------|---------|---------------|-----------------------------|----------------|--|
| Test name | Test Method | Results | Test name | Test Method | Results | | | | |
| RUBBING | Dry | ISO 105-X12 | Cigarette Test | BS 5852 | | | | | |
| | | | | | | Wet | ≥3-4 | | |
| | Light | ISO 105-B02 | | | | 4/5 | Match Test | BS 5852 | |
| | Water Spotting | ISO 105-E16 | | | | ≥4 | Crip 5 | BS 5852 | |
| | Washing | ISO 105-C06 | | | | ≥4 | Cigarette Test | EN 1021-1 | |
| | Hot Pressing | ISO 105-X11 | | | | | Match Test | EN 1021-2 | |
| | Water | ISO 105-E07 | | | | | Cigarette-Match Test | BS 7176 low | |
| | Perspiration | ISO 105-E04 | | | | | Cigarette-Match Crip 5 Test | BS 7176 medium | |
| | Artificial Weathering | ISO 105-B04 | | | | | Cigarette-Match Test | IMO PART 8 | |
| | Phenolic Yellowing | ISO 105-X18 | | | | ≥4 | Cigarette Test | TB117-2013 | |
| OIL REPELLENCY | AATCC 118 | | Cigarette Test | NFPA 260 | | | | | |
| | | | ISO 14419 | | | | | | |
| | AATCC 193 | | M Test | NFP 92 5XX (M1) | | | | | |
| | ISO 4920 | | M Test | NFP 92 5XX (M2) | | | | | |
| WATER REPELLENCY | ASTM E2149-13 | | M Test | NFP 92 5XX (M3) | | | | | |
| | | | | | B Test | DIN 4102 (B1) | | | |
| Spray Test | | | B Test | DIN 4102 (B2) | | | | | |
| Antibacterial Test | | | | | | | | | |

| Colour Fastness To Water | ISO 105-E01 | Acetate | Cotton | Nylon | Polyester | Acrylic | Wool |
|--------------------------|-------------|---------|--------|-------|-----------|---------|------|
| | | ≥4 | ≥4 | ≥4 | ≥4 | ≥4 | ≥4 |

| Dimensional Stability After Washing | | Warp | | Weft | | CARE INTRUCTIONS | | | | | |
|-------------------------------------|----------|------|--|------|--|------------------|--|--|--|--|--|
| | ISO 5077 | | | | | 3 | | | | | |

